

18379 U.S. PTO
032904

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Our File No. 9281-4787
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22141 U.S. PTO
10/812334

032904

PATENT APPLICATION TRANSMITTAL LETTER

To the Commissioner for Patents:

Transmitted herewith for filing is the patent application of Dou Yuanzhu for Patch Antenna Apparatus Preferable For Receiving Ground Wave And Signal Wave From Low Elevation Angle Satellite.

Enclosed are:

- ☐ Preliminary Amendment
- ☒ 30 pages of application (including title page and Abstract), 5 sheet of formal drawings and the following Appendices: n/a
- ☒ Declaration and Power of Attorney for Patent Application
- ☒ Assignment transmittal letter and Assignment of the invention to: Alps Electric Co., Ltd.
- ☒ Submission of Certified Copies of Priority Documents and certified copies of Japanese Application Nos. 2003-105565, 2003-105561 and 2003-105401 filed on April 9, 2003
- ☒ Information Disclosure Statement, PTO-1449, and references A1 - A2

Claims as Filed	Col. 1	Col. 2
For	No. Filed	No. Extra
Basic Fee		
Total Claims	41 -20	21
Indep. Claims	4 -3	1
Multiple Dependent Claims Present		

*If the difference in col. 1 is less than zero, enter "0" in col. 2.

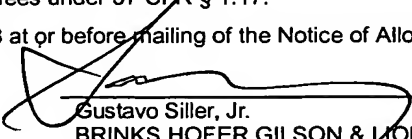
Small Entity	
Rate	Fee
	\$ 385
x\$9=	\$
x\$43=	\$
+\$145=	\$
Total	\$

Other Than Small Entity	
Rate	Fee
	\$ 770
21 x\$18=	\$ 378
1 x\$86=	\$ 86
+\$290=	\$
Total	\$ 1234

- ☐ Please charge my Deposit Account No. 23-1925 in the amount of \$_. A duplicate copy of this sheet is enclosed.
- ☒ A check in the amount of \$ 1234 to cover the filing fee is enclosed.
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 - ☐ Any filing fees under 37 CFR § 1.16 for presentation of extra claims.
 - ☐ Any patent application processing fees under 37 CFR § 1.17.
 - ☐ The issue fee set in 37 CFR § 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR § 1.311(b).

Date

3/29/04


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